

# Blackfeet Community Hospital Expansion & Renovation Project

## Daily Activity Diary, Volume 3

July 2000 thru September 2000

7/5/00 – Submitted by Terry Racine

Sunny 85°

Framing - Small crew framing walls in the physical therapy area. Also they are installing some backing, soffits to support the wall cabinets.

Plumbers - 2 men are doing the rough-in water and sewer in the physical therapy area.

Electricians - 3 men installing conduit, outlet and switch boxes

Pipe Insulator - Arrived on the site today to insulate some of the waterlines installed. Had a Discussion with him on when the punchlist items would be corrected under the building of the pharmacy area. He advised me that all punchlist items would be corrected when they started in Area A.

No dirt crew or Ironworkers on the site today.

Concrete crew- '1 he crew is setting footing forms for the walls in Area B.

7/6/00 – Submitted by Terry Racine

Sunny 85

Framing - 2 men installing metal studs.

Drywall - 2 men starting to install the drywall throughout the physical therapy area.

Dirt crew - Backfilling the foundation walls of area A. no NTL (Testing) on the site, verified 1, foot lifts.

Electricians -1 man working under the building installing conduit, 2 men working upstairs installing conduit, and metal boxes.

Gary McFarland and Gary Grassel arrived on the site. A walk-thru with John Kronebush, and Buda (Ironworker) was done to identify some of the structural problems on Area B. Structural engineer wasn't too satisfied with the quality control.

Concrete crew - Poured footings in area A. Slump test and cylinders were pulled

Ironworkers- Erecting columns and beams in Area B\_

NTL - Soils and compaction testing person showed up on the site at 1:00 p.m.

7/7/00 – Submitted by Terry Racine

Sunny 80

Framing crew- Cleaning up the working area, also 2 men installing drywall

Electricians- 3 men are still installing conduit.

Plumbers- 1 man on site, don't know what he's doing.

Dirt crew- Backfilling and working on the lift station.

Most crews shut down at 11:30 a.m.

7/10/00 – Submitted by Terry Racine

Sunny 82

Jim Lake is on the site, No discussion with him.

Framing crew - Installing Metal studs. Deflection track that is installed, is not according to the submittal and drawings. Had discussed this with John and Jerry on this issue. Said they would discuss and try to resolve.

Drywall - Crew of three men are installing the drywall. All cuts around the wall switches and outlets are 100% better than they did in the last area.

Dirt crew - Backfilling walls in Area B. NTL is on the site.

Ironworkers - Tying rebar in the walls of Area B

Concrete crew - Forming foundation walls in Area 13.

Plumbers - Still doing water and sewer rough-in. Are setting up to pressure test some waterlines. Will contact me when testing is ready.

Electricians- 3 men are still installing conduit, metal boxes.

NTL - Testing person showed up at 12:00 p.m.

7/11/00 – Submitted by Terry Racine

Light overcast 75

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Concrete crew - Forming exterior walls in Area B Jerry Wally formed and will pour pads in Area A for the air exchanger units

Ironworkers - Are still tying rebar in the exterior walls of Area B. Also erecting steel in Area A.

Framing crew - installing metal stud. No word on how they plan to resolve the deflection track problem.

Dirt crew - Backfilling and compaction on the walls of Area B. NTL is on site doing the testing.

Drywall crew - 3 men are installing drywall in the physical therapy area.

7/12/00 – Submitted by Terry Racine

Dirt crew - Backfilling and compacting the walls on Area B.

Skip Hayes arrived on the site.

Did walk-thru with Skip in the structural area, Discussions on the existing beam on the East side of the building, whether to modify or demo. Also observed the concrete crew pouring the exterior walls of the building in Area B. Later went down to the office to meet with Emmie.

Ironworkers - Still erecting steel in Area A.

Dirt crew - Install manholes for the storm drain system.

One man stripping the forms around the slabs that were poured for the air exchangers.

7/13/00 – Submitted by Terry Racine

Sunny 87

Framing crew - Deflection track has not been corrected yet. Called Dave Peterson to discuss the installation of the deflection track. Fire-proof insulation was installed above the track, rather than inside as shown on the drawings - Dave said contractor would have to get documentation on fire rating if the wall is to remain as it is.

Gary Grassel called and requested some pictures of the anchor bolts on the far north wall on Gridline A. Faxed photos to him as he requested. Also sent photo of the anchor bolts that were broken off of the column pad.

Called Skip Hayes as requested, discussion on the existing column on the northside stirrup around the rebar. Had contractor jack hammer concrete down 8". Took some photos and faked to Skip.

Electricians - 3 men present. One man is pulling wire through the conduit. 2 men are under the building installing trays.

7/14/00 – Submitted by Terry Racine

Sunny 82

Not too much going on today. Framing crew is cleaning up the area. The workweek ends at 11:30 a.m. No dirt work crew or Ironworkers on the site

7/17/00

Today on the project, I was finally able to type up the notes for the meeting of June 29, 2000. I was off on annual leave for the past week. For project information and progress during the past week, see Terry Racine's daily notebook. Received a call from David about needing the photographs sent (e-mailed) form last week. They apparently didn't transmit from Terry's computer. Received tile samples from David and gave to Tim Davis to have the Cultural Committee review. Work that took place today included: sheet rocking in the PT, Women's Health areas, taping/mudding also was taking place in the same areas, S&H was installing steel in the north addition. Approximately 2:30 p.m., a fire started on the first temporary power pole from the transformer to the south east of the hospital. We had to evacuate the hospital and

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other buildings in the area. The fire started at the base of the pole where the wires were installed in 4" PVC mast. Apparently a heat problem. Doug Ray of Glacier Electric was on site after the fire was put out and agreed that the heat was generated at the base of the pole and he felt that the wires should not have been installed as such. He arranged for a crew to repair the wiring. This was done about 8:00 p.m. Looking at the print E3.3, it calls out for wire to handle a 1320 amp load. According to the M&M Electric foreman, Glacier Electric installed 4 / 0 wires, which gives a rating of about 1120 amps (less than the 1320). I couldn't find out if he got this approved by Allen Meadors.

7/18/00

S&H hired a QA individual effective 7-17-00. His name Darren LeMaster. Reviewed the memo from Rick Clark on the fire yesterday. Attended the hospital meeting to discuss the fire. Glacier Electric will be on site about 11:30 a.m. to discuss. Went to Emmie's office to have a telephone conversation with David on the amount of change orders and various work related to the field modifications with the structural steel. Emmie is to submit a letter to S&H about this (may hold payments). Had our meeting with Glacier Electric and they are going install line monitors on the temporary feeds. They will evaluate and discuss about 3:00 p.m. Went to Emmie's office and signed off on submittals # 5D, 15R1, 27R4, 31R1, 43R1, 45R2, 51R2, 80R1, 83R2, 85R1, 71A, 87, 86. Sent these to S&H. Had a meeting with Glacier Electric and they informed us of the results of the line monitors. Glacier Electric wants to change out the wire after reviewing the loads monitored (1200 amps). This will take place tomorrow at 8:00 a.m. and last until 11:00 a.m. Glacier Electric will start to re-hang wire on the poles this evening.

7/19/00

Glacier Electric was on site at 8:00 a.m. and was working on changing out the feed wires to a larger size. The hospital was with out commercial power for 2 hours while the terminations were made and the phase rotations checked. I met with Glacier Electric and asked for a letter indicating the corrections that were done on the power pole transformer. This transformer should have "tripped out" when the fire occurred. Glacier Electric corrected the problem by proper grounding. Attended the hospital safety committee meeting at 9:00 a.m. There were some issues that the hospital had on the fencing that was to separate the access to the 1960 building on the east side. The fencing has been removed during some of the recent power line installation and the storm drainage lines. They want this reinstalled immediately after the work is complete. Discussed with Emmie next weeks monthly meeting with S&H, IHS and L.A.Olson. Since I was on vacation next week and Terry was to be on training July 27, Emmie wanted to reschedule the meeting for Tuesday (July 25th). Terry will conduct the meeting. Sent out notice to Jim Lake, Skip Hayes and David Petersen. Copied the pictures of the electrical fire and put in Skip' folder (under EHE in the network neighborhood). Took a look around the project with the new QA person (Darren). Showed him several items including: 1. Ceiling patching in the PT, Women's Health areas is not done correctly. The patching needs to be attached to the hat channel, fire taped and mudded. 2. Damp proofing and protectant board needs to be installed to finish grade. 3. Equipment (small cat) back-up beepers not operational (again). 3. The electrical MCC's are not stored properly. They are wrapped in plastic and it is tore. These units need to be moved from the GSA parking area as well. 4. Discussed the need for S&H to take care of the many outstanding items that John has neglected. This includes the punch list (gave Darren a copy) and the lists on structural from CTA and L.A.Olson. 5. Discussed the back fill. The lifts are being installed in lifts exceeding the specifications in one area seen today. 6. Asked Darren to check into the covering of the access under the facility. Dogs and cats are getting under our building. I have asked S&H to install the access doors or cover the openings about 2 months ago. 7. Mentioned the need of a updated schedule from S&H. I told Darren that the Tribe would most likely with hold funds if Jim doesn't submit. Last meeting Jim said he was going to submit a updated schedule. 8. S&H is to maintain the access road way to the west. Still not being done routinely. 9. Need S&H to reinstall the fencing that is to separate the employee access from the construction. This fence is currently down while S&H installs the site drainage manholes in this area. An item that needs to be looked at by L.A.Olson is the rim

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elevations of the site drainage manholes (on Drawing C4.3) with respect to the existing curbs/sidewalks located north of the cistern and garage. The elevation shown just north of the cistern (on the existing curb) is "4401.78". When Lin (of Kimko) took elevations readings, the actual elevation of this point is 1 foot 3 tens higher. Work that was taking place today on the project included: sheet rock installation inside PT area, taping and mudding in the PT and Women's Health area, installation of the site drainage manholes and piping east of the 1960 building, installation of heating lines in the boiler room, and steel erection in the north addition. Called Jay about an item on addendum one (items M, N, O on page 5). It calls out for additional drains in the courtyard area. There are manholes for site drainage shown in the same location on C4.3. Is there a need for both? Jay was going to discuss with David.

7/20/00

Talked to Darren about the scheduling of sub contractors when their work requires ISLM measures. This morning, the sprinkler fitters were on site to relocate various heads in the PT, Women's Health area. This required the sprinkler systems to be down for 4 hours. Told the sub that the hospital requires time to prepare for the outage. He will be back on site Monday (7-24-00). Sent memo to Tim Davis to advise the hospital of the work and time. Tim is to arrange for the ISLM measures. Went to Emmie's office and signed off on submittal 62A. Discussed with her the letter to S&H. She should be sending to day asking for S&H's plan to correct open items. Talked to Darren about the hospital's need to use the entrance (east) to the 1960 building for a ambulance entrance. S&H to reinstall the fence, fill 2 holes, grade the road today. Sent out a e-mail changing the dates of the on site inspection to 8-3-00. Went around with Darren on the outstanding punch list items. He is going to take care of several items next week to reduce the lists. Looked at the northeast pilaster that Skip questioned as if it was a grouted column or a poured concrete structure. It looks to be concrete to both Darren and myself. Talked to David about a couple of issues. He informed me that the two large storm drains in the area east of the boiler room was adequate and that the 4" drains are not needed. I will inform Central that the lines could be capped. Had our weekly meeting with S&H. Went over the problems discussed these past few days with Reis.

7/31/00

Went through the correspondence for the past week. For construction progress and inspection notes, see Terry Racine's daily notes. Discussed with Darren the progress over the past week. Looked at the punch list items completed last week. There is to be more items completed before this weeks meeting in which we can eliminate any completed items. Gave S&H a copy of the memo that OSHA is anticipating on checking during the middle of the month. This memo was provided by John Holland. Walked through the pt, women's health and eye clinic and inspected the on going work taping and mudding. The walls look good. There was still patching on the ceiling that need attention. Terry has marked various areas that also need to be patched. Called David and he filled me in on some of the issues that took place last week. We discussed the deflection track installation. David discussed this with Terry last week. I asked David who is responsible to pay for the temporary power poles and installation. Glacier Electric was on site saying that it was the hospitals responsibility to pay this per S&H. Per section 1500, David feels that all the temporary controls are addressed. I copied this section and gave to Glacier Electric. David was to check with Allen (CTA) on this as well.

8/1/00

Talked to Darren and John on the issue of the temporary power and who pays for this installation. S&H and M&M contend that this cost is IHS. I showed them the e-mail from David to Allen. Talked to Gary McFarland on this issue and Gary was going to discuss with OES. Gary is to get with David and get a phone - meeting to discuss the temporary power this afternoon. Called Western Door (Mike) to go over the lock schedule. He is to ship out the locks tomorrow for the clinic areas. Called Cathy of ASI Sign and she will be on site 8-16, 17 to install the signage. Talked to Jim Lake about this weeks meeting and

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told him that David and IHS will be here on Wednesday afternoon. I was hoping to discuss items found during the walk through (as they are found) to hopefully resolve items instead of saving them for the meeting. Went over to the remodel area (pt, women's health and eye clinic) and inspected the sheet rock installation. The deflection track doesn't look properly installed. S&H has taped the deflection area between the sheetrock. I also have questions on the penetrations of conduits and ductwork in the deflection area. David and I will look at this tomorrow. Terry informed me that he has discussed with S&H last week and so far nothing has been done to correct. Checked the locations for electrical, data, fire alarm, etc in the areas. These look o.k. Took dimensions for as - build conditions. Discussed the perimeter outlet locations with Darryl of M&M in both crawl spaces. These outlets (GFI's) are located on the walls above the berm, which would make access to these outlets very difficult. Darryl proposed to relocate the outlets (no change in number of outlets) to the nearest column instead of the designed location on the perimeter walls. This is a good change that will have no cost related. I will make the changes on the as - build drawings.

8/2/00

Updated the punch lists for the meeting tomorrow. Walked through the project to see the progress. Today, S&H was working on the taping of sheet rock in the pt, women's health and eye clinic. They were installing some sheet rock in the area as well and sealing various penetrations. On the north addition, S&H is installing the decking metal and installing structural steel. Central Plumbing is installing ductwork and waste piping in the crawl space. In the south addition, S&H is moving the red iron to the area to install. They are forming some areas for concrete pours (perhaps this week). Terry and myself walked through the structural steel items that CTA submitted. There was some items completed, but several that need attention by S&H. Terry has kept close tabs on these issues. I asked Terry to provide a copy of the on going construction notes for the days that I was on leave (Skip asked for these). David and Gary arrived on site about 11:30 a.m. We did a walk through on the construction project and looked at the items found with Darren of S&H. We discussed the "fix" for each item and made sure S&H had no problems with the solutions.

1. Column 7C-3 Weld slotted hole, drill out bolt to get full nut, prime repaired area.
2. Column 7C2 Need to install washers, need to get full nut
3. Column 7C1 Notch tube steel, relocate plate to align, need washers, need new anchors to obtain full nut
4. Column 6C4 In process of welding, need proper length of angle, tighten bolts
5. Column 6C2 Washers needed, need full nuts
6. Column 18C2 Washers needed, need full nuts
7. Column 11C2 Fill slotted holes in base plates, Weld on the plates (onto base plate), need washers
8. Column 11C4 Fill slotted holes in base plates
9. Column 14C1 Need full nut
10. Washers needed on support under the north emergency exit (3 ea)
11. Elevate ductwork in the north crawl space (approx. 12 foot area)
12. Re-weld on 10C3 (in crawl space), current weld not acceptable, prime
13. Deflection tracks in women's health, eye - assure conduit will deflect and that the interior sheet rock extends above any slots by 1 1/2"
14. Remove wall relief that is in the firewall. Currently boxed around.

8/3/00

The monthly construction meeting was held at 9:00 a.m. in the hospital conference room. Typed up the agenda and attached the updated punch lists.

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ATTENDEES: Rob Smith, Gary McFarland, David Petersen, Dean Swank, Jim Lake, Darren Le Master, John Kronebusch, Terry Racine, Doug Ray, Tim Davis, Rick Clark, Reis Fisher, Kevin Forbes

REVIEW OF PUNCH LIST ITEMS: A marked (up to date) punch list was distributed to all parties. Darren (of S&H) has made some progress in completing some of the punch list items. We expect that S&H continue to make efforts to complete the punch list.

REVIEW OF SITE INSPECTION ITEMS: David, Rob, Terry, Darren, and Gary conducted a walk through on the project and identified items needing correction. This walk through took place 8-2-00 from 1:00 p.m. to 4:00 p.m. Some of these structural steel items were previously addressed (Gary, CTA) by a letter to S&H. The "fixes" were agreed to by the design team and Darren (of S&H). We did not go into detail of each item in the meeting. Copies of these items are on the daily logs for 8-2-00 (copies given to Jim and Darren). Additional items discussed included: 1). Courtyard drains - contractor to only have the 2 main storm drains in the area. The other 2 mechanical drains are to be cut and capped. This was an oversight on the design. 2). Top of concrete walls are to be within 5/8" of level. S&H may have to roughen and use self-leveling compounds on the top of the concrete. Required for the exterior finish. 3). Northeast column alignment. 4). Stair well walls are to be grouted and have a proper finish. These walls will be visible and should have the proper finish look.

REVIEW OF RFI'S, SUBMITTALS, CHANGE ORDERS: David discussed RFI's, submittals and change orders. On the RFI's, there are two main outstanding issues. One is the canopy in area "B" in which there is a problem with the structural drawings vs. the civil drawings. David gave Jim one of the solutions (for S&H pricing) that included adding a 4' section in the canopy structural steel. The other solution is to keep the canopy "as is" and adjust the street width to accommodate the canopy. With reasonable pricing, addition of a 4' section would be the preferred fix. Discussion of the roadways and existing curb / gutters was discussed. Initially, S&H was directed to remove the concrete per the specification and plans. Following the meeting, a cost savings of approximately \$30,000 was offered to leave portions of the curb on the east roadway. This was a cost that IHS was definitely interested in and would further discuss. However, the curb on the north road is to be removed. The traffic engineering design required the roadway dimensions for the ambulance. David discussed submittals and indicated that there are approximately 15 submittals awaiting information from S&H. Jim discussed the 48" wide windows and his trouble with the vendor (weathershield) in obtaining these. He wondered if the windows could be mixed (different vendors). This was acceptable to L.A. Olson. Jim will need to submit. It was noted that a 3rd type of "sound batt insulation" was on site and that S&H should submit on this other type. David discussed with the roofing contractor and Kevin that a submittal should be submitted if the contractor was intending on changing the taper system on the roof. Central Plumbing was getting close to installing his roof drains and the location of the drains needs to be coordinated. There was discussion on two other items. M&M Electric claims that all of the 8 exterior light fixtures that were to be reused are missing and that IHS took these fixtures. IHS denies this claim, although IHS acknowledges that 4 of the fixtures were damaged and will provide the contractor new units to install. M&M is responsible for the storage of these fixtures and is responsible for their replacement. Glacier Electric was concerned with payment for the temporary power installation. So far (according to Doug Ray), Glacier Electric has approximately \$5,000 to \$10,000 into the installation, but doesn't know who is going to pay the bill. It was determined that the Tribe is to issue Glacier Electric a letter indicating that the bill is to be paid by the Tribe (Emmie will do this letter). There is a minor portion of the cost that M&M is going to be responsible for as well. David asked that Emmie request M&M's bid document to review and determine their costs. There are two items that David needs to check on with CTA (Allen): 1.) Paging system; 2.) Red out let covers and receptacles (none on the emergency outlets in Pharmacy, Med Records, Clinic). One other item was the flooring in room 1315 in the PT area. David to issue direction on removing the floor drain and tile in this area.

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CONSTRUCTION SCHEDULE: The new schedule was briefly discussed. Mainly, the new completion date of August 8, 2001 was of concern. The PT, Women's Health, and Eye Clinic areas should be nearing completion around the last week of September.

INTERIM LIFE SAFETY ISSUES: S&H will not install the chain link fencing, but continue to use the temporary plastic fencing materials around the ambulance road way. S&H is to have a water truck on site today (dusty conditions). Discussed the possible OSHA inspection that could include the construction project. A copy of a (e-mail) letter was given to Darren indicating the areas that OSHA may inspect. This letter was from IHS -Billings.

PAYREQUEST: There were no questions on the pay request. Should be processed soon.

8/4/00

Typed and distributed the minutes for the monthly meeting of 8-3-00. Faxed Terry's daily notes to Skip for the days that I was on leave. Processed submittals # 03R2, 27R5, 84R2, 85R2, 88R1, 89, and 91 to S&H. Today, S&H had a short day. They did miscellaneous clean up. Concrete was poured in the south addition on column bases. Taping and mudding of sheet rock continued. Again FYI, I will be off on leave next week.

8/7/00 – Submitted by Terry Racine

Sunny, 86°

CONCRETE CREW- 2 men are stripping forms from the concrete slabs that were poured for the air handlers that are going in the crawl space.

DIRT CREW- Leveling and prepping the parking lot for the gravel that is stock piled on the east end of the project. One man on the roller compacting. (NTL) Northern Testing Lab is on site to perform moisture and compaction tests.

PLUMBERS- 2 men are installing sewer and copper waterlines in the crawlspace of area A. One other plumber is under the physical therapy area installing waterlines.

HEATING AND VENTING- One man is hanging ductwork under the building of area A.

CARPENTERS- Working on windows, and completing the drywall on the deflection track in the physical therapy area. One man is patching penetrations in the existing ceiling for fire protection.

DRYWALL & TAPERS- 2 men are perf-a-taping and sanding the walls in the physical therapy area. The painter is supposed to be on site next week.

IRONWORKERS- Erecting steel in area B, cutting another beam on gridline # 7. (Took photos)

ELECTRICIANS- One man is installing underground conduit for the street lights in the parking lot. 2men are installing conduit and cable trays in the crawlspace of area A.

8/8/00 – Submitted by Terry Racine

Sunny, 86°

DIRT CREW- Completing and backfilling and compaction of exterior walls of area A. One crew is watering and compacting the parking lot. (NTL) Northern Testing Lab is on site to conduct density and compaction tests of the parking lot and backfilling of the foundation walls on area A. One crew is backfilling the inside of the east wall of area B, compacting with a small whacker.

IRON WORKERS- Aligning north and east columns and beams of area A. Started erecting steel columns and beams of area B.

PLUMBERS- Installing waterlines under the existing building and also in the crawl space of area A.

HEATING & VENTING- Ductwork man is installing his air ducts in the crawl space of area A.

ELECTRICIANS- One man is working on the lift station panel, the other 2 men are installing cable trays in the crawl space of area A.

DRYWALL & TAPERS- 2 men are taping and sanding in the physical therapy area.

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GARY GRASSEL (CTA) Structural Engineer arrived on site today. Gary did a walk through under the building of area A to inspect the correction of the deficiencies from his previous visit. He also inspected the beam that was cut yesterday and told Darren that the beam would have to be welded and bolted. Gary also did a walk through with Darren. Said he would e-mail a preliminary report to Skip at his house so that he would be aware of the items when he makes his visit Thursday.

8/9/00 – Submitted by Terry Racine

Sunny, 85°

PLUMBERS- One man is installing sleeves on the metal floor decking for water and sewer penetrations in the concrete slab to be poured Monday morning at 6:00 am. The other plumber is installing waterlines under the building of area A.

HEATING & VENTING- 1 man setting sleeves for his heat and air ducts in the floor decking of area A.

CARPENTERS- Bulk-heading floor area for the concrete pour, which is scheduled for Monday morning.

ELECTRICIANS- Installing conduit and cable trays in the crawl space of area A.

IRONWORKERS- Setting steel beams and columns in area B. Building appears to be off anywhere from 1-1/2" to 3", that's from a discussion with Buda the Ironworker. If this is true, may result in cutting a lot of steel. S&H will verify dimensions. Had to cut and reinstall anchor bolts on one pad. (Will discuss Emmie and Skip when he arrives.

8/10/00 – Submitted by Terry Racine

Sunny, 86°

DIRT CREW- Backfilling and compacting the foundation in area A. Water truck is wetting down the parking lot and a roller is compacting. (NTL) Northern Testing Lab is on the site performing the tests.

IRONWORKERS- Erecting the steel in area B, it appears that the foundation is off, Kevin, John and Darren are measuring the walls to see if they can see where the shortage is. I went down to discuss this problem with Emmie.

PLUMBERS- Still prepping the Metal deck with sleeves for their penetrations through the concrete floor, for water and sewer lines.

HEATING & VENTING- Still prepping the metal decking with sleeves on area A.

ELECTRICIANS- Installing cable trays under the floor of area A.

DRYWALL & TAPING- 2 men are still sanding and taping the walls in the physical therapy area.

Ironworkers are laying the steel mesh for the concrete floor that will be poured on Monday at 6:00 am. Skip Hayes arrived on the site for his scheduled visit. Skip and myself did a walkthrough in the crawl space of area A to inspect the corrections of the deficiencies noted from Gary Grassel of CTA. We also had a discussion with Buda (Ironworker) on the problems with the dimensions of the foundation in area B. Skip and I went down to Emmie's office to have a conference call with Dave Peterson and Gary McFarland over the problems that S&H were having with the foundation in area B. When we returned to the site we noticed the ironworkers cutting one of the cross beams to make it fit between the column and existing foundation wall. Notified the Construction Supt that there was to be no cutting of any steel without the approval of CTA or L.A. Olson. Emmie will issue a stop work order on the ironwork of area B until an as-built inspection of the foundation and imbed plates is completed as specified in Sec. 05120-3 of the spec book.

8/11/00 – Submitted by Terry Racine

Sunny, 84°

No Ironworkers or Dirt crews on the site today.

CARPENTERS- Prepping and blocking out some areas of the floor, which will be poured on Monday. One man is cleaning up the construction site.

8/14/00

Signed off on various arms requisitions. Sorted through various mail and e-mail correspondence for the past week. Received the tile samples from S&H and L.A. Olson. Discussed the red outlets in the pharmacy area with M&M. He has received the red outlets and is planning on replacing this week. M&M

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Electric informed me that Glacier Electric has received no letter from Emmie yet and they will schedule no work until a letter is in hand. Discussed the project with Darren of S&H. Darren also said the surveyor was to be on site tomorrow (8-15-00). Called (returned) Allen (CTA) on some items. He wanted to make sure that M&M was either going to install red outlet covers or red outlets. I told Allen that M&M is going to do them this week. Allen asked about the Glacier Electric bill and about the Tribe's letter. We discussed the paging system and the direction of installation. I was under the assumption that a change order would be issued to have the contractor (M&M) install the speakers, wire and amp. Allen said that he hadn't heard of this and he was to be talking to David this week. Called JCI (Eddie) and asked them to modify their proposal for the fire alarm system to include the new enunciator. Gary McFarland indicated that I could go ahead with the purchase order using this years BF3 funds. Went around the project to check on the progress and any issues. S&H is working on the compaction of the parking lot to the east of the north addition. Checked with the NTL tester and the compaction results are running 97 to 99 percent. He is testing every roller width for compaction. With out the watering truck, S&H couldn't meet the compaction (glad to see it on site). I hope S&H has submitted on the gravel (as asked of Jim Lake on August 4th). S&H is forming the wall on grid line "M" on the south addition. I was told that they plan to pour this area tomorrow. The forming looks o.k. S&H is installing structural steel in the south addition (mainly the roof support). I did get a chance to look at some of the problem areas with Terry Racine. We will take a closer look tomorrow when the surveyor arrives. Mainly sanding and wall preparation is taking place on the interior of the eye clinic and women's health area. The painter is to be on site Wednesday (8-16-00) to install the prime coat of paint in these areas. As far as finishing of the walls, I think it looks very good. They still haven't taken care of the areas of concern in the deflection track with the ductwork (fire dampers) nor filling the gaps with the fire safe materials. The main area of production today was in the north addition on the slab pours of concrete. A total of 9 trucks delivered approximately 81 yards of concrete. The pour covered approximately half of the north addition. Checked with NTL on the concrete testing. Slumps ran 3 to 3 3/4" before the addition of the chemicals and 6 3/4" after. Cylinders were taken on the 3rd and 7th trucks.

8/15/00

I wanted to make note that the safety officer (Richard Sarrent) for S&H was on site all day yesterday working on site inspections. There is indications that OSHA may be on site either this week or next. Received a call from David on various issues on the project. David was asking about the site survey that is to take place today. David suggested that S&H do a site survey of both the north and south addition. I will talk to Darren about this. We discussed the elevation error on C4.3 north of the cistern (to be addressed on a RFI). Discussed the submittal on the gravel. David said that there were no initial problems with the submittal and he had forwarded the information to Engineering Inc. for their review. I did tell the compaction results so far on the parking lot area. David also was wondering about the removal of the curbs on the north roadway. I did notice that S&H was removing this concrete yesterday and will have more removed today. David informed me that Jay Cederberg will be on site this Thursday (8-17-00). Skip also called and wondered about the site survey. Skip plans on being on site tomorrow. Today on the project, S&H is continuing on the sanding and mudding on the interior of women's health and eye clinic. Exterior removal of the existing curb along the north road way was removed. Installation of steel in the south addition continues. S&H poured the last wall in the south addition along gridline # M. Sands Survey conducted a site survey on the structural steel (both north and south additions). Initial results do show a dimensional problem in the south addition. Copies were sent from Darren to CTA. Central Plumbing is installing piping and ductwork in the north addition. Cylinders and keys were received and need to be installed. Met with Darren on some issues and the punch list items on the north addition. Went over the items found on the 8-2-00 walk through with Darren and Terry. The following items remain open:

- 1.) Column 6C4 in process of welding, need proper length of angle iron, tighten bolts.
- 2.) Column 11C2 Fill slotted holes in base plate, weld on the plates (on to base plate), need washers, unable to verify the

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welding of the plate on to base plate (covered by 2 X 4 forms)

- 3.) Column 11C4 Prime welds at base plate.
- 4.) Re-weld on 10C3 in crawl space, current weld not acceptable. prime.
- 5.) Deflection track in eye area and women's health area. Need to fill gaps with fire-safing insulation, assure 1" movement around conduits and duct work.
- 6.) Two locations on 4" angle iron along the existing north wall requires additional Hilti bolts (currently only 1 Hilti bolt in the short pieces of angle iron). The angle iron is on site.
- 7.) Angle support between 7C1 and 6C4 - bolts missing.
- 8.) Column 16C3 missing anchor bolt in baseplate.
- 9.) Column 18C3 missing bolts (2ea) in wide flange flange (37B1)

8/16/00

ASI Sign is on site this morning to install signs in the Pharmacy, Medical Records and Clinic areas. This order is on a purchase order. Arranged for their access and also arranged for Cathy Boisseranc to meet with the sign committee at the hospital. ASI finished the room sign installation around 4:00 p.m. Skip Hayes was on site today. Skip was on site to review the site survey and other items. Skip helped show Terry and Darren on the Internet access to the contract documents. Attended the safety committee meeting for 1 1/2 hours. Items on the constructions side that were discussed included: the anticipated paving dates of the parking lots and current status of project on the PT, Women's Health and Eye Clinic. The committee is planning use of the front entrances for staff and patients when reopened at the end of next month. The safety committee would like S&H to use the water truck to keep dust down on the temporary access road. I will ask Darren about the dust control. Emmie is still out today and the letter to Glacier Electric has not been sent yet. M&M Electric has expressed concerns and I plan to check with the Tribal office to see if anybody else can send the necessary letter. Today, S&H is working on steel installation in the south addition. The site survey on the north addition and parking area was taking place today. Skip, Darren and myself discussed the site survey and decided that the areas of concern (where we know or suspect dimensional problems) should be the first completed and forwarded on to L.A. Olson and CTA. S&H is removing the existing sidewalk / curbs on the north side of the north street. Interior sanding on walls is continuing in the PT area. Priming (paint) of the walls in Eye Clinic and Women's Health is taking place. There are some areas that additional sanding and mudding will need to take place in the Eye and Women's Health. S&H plans to rework these areas. Central Plumbing was working on ductwork and piping in the north addition.

8/17/00

Today on the project, Jay is to make a site visit. Emmie is still out of the office. I gave the original pay request to Monty Brown for the Tribe to process. Received an e-mail from David indicating that Jim was asking about the status of the pay request. I checked with the department and asked who else could send the "letter" to Glacier Electric so they can schedule work (so far no luck). Organized various paper work including RFI's, submittals, logs and trip reports. Reviewed submittals from Skip and sent out # 93, 8OR3, and 92 to S&H. Made copies of the latest construction schedule and gave a copy to Reis Fisher. S&H is continuing to conduct the field survey on the south addition. They are installing steel in the south addition. Sanding on the walls in the Physical Therapy area is continuing. The painter is installing the 1st coat of paint in the eye clinic and women's health area. NTL is on site to visually inspect the field welds on the job site. S&H is removing the tile on the floor of the PT bathroom. They discovered that the same "dry pack" flooring exists beneath the tile floors as found in the surrounding PT area. This means that the "dry pack" needs to be removed and concrete installed. Spent time with Jay on the north addition. We discussed a few issues: 1.) responsibility of purchasing the medical vacuum for the new OR area. Line sizes, location and vent lines for the vacuum system was reviewed. 2.) discussed the need for an

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additional sump in the center of the crawl space to handle the condensate from the air handlers. 3.) discussed the air balancing in the specialty clinic and pharmacy areas and the complaints. Asked the Central Plumbing rep. to send copies of the invoices for the work on the fuel oil piping project and the related work on the additional chiller pipe. He said that he would fax to me so this purchase order can get closed out. Had our weekly meeting with S&H. Darren, John, Rick and myself attended. We discussed a couple of hospital issues 1.) watering of the access roadway to the west 2.) need to assure that there is flaggers directing traffic for the staff housing. S&H will take care of the roadway to the west, but the work taking place yesterday by the quarters was work being done by Montana Power Company and had nothing to do with the project. Next week, S&H plans to pour more of the floor in the north addition. They are expecting framing material to arrive and perhaps start to install by next Friday (on the exterior of the north addition). Curb and gutter installer to be on site next Tuesday. S&H plans to use Wagner Redi Mix for the curb and gutter concrete provided he can supply their demand. S&H is planning on interior painting of the pt, women's health and eye clinic areas. Grid work for the ceilings will install by midweek. Doors and hardware to arrive 8-23-00. Cabinets to arrive 8-28-00. Tile to arrive 8-28-00. Darren indicated that NTL inspected the field welds and initially has no problems with the field welds. The report is to be submitted to L.A. Olson via submittal.

8/21/00

Had a conference phone with David, Skip, Gary and myself to discuss the speaker and amp for the paging system. It was determined that IHS is to purchase and arrange for the installation of the system. We are to purchase the amp., wire, and speakers for the job using equipment funds. I will get the pricing for the work. The conduit, boxes, labor should be credited to the project (David to coordinate). We discussed moving the monthly meeting to September 4 and 5. I will notify the parties of this change. Received a call from David discussing the e-mail from Jim about costs and delays on part of Glacier Electric. I sent a e-mail to Jim asking him to be more specific. Today on the project, S&H was working on steel installations and floor joist in area "B". The painter is working on the doorframes in the Eye area. PCI is working on installing suspended ceiling track. In the north addition, S&H is installing decking and tightening up structural steel bolting. The plumber and electrician is working in the crawl space of the north addition. S&H is grinding on the top of foundations walls in area "B". Site work includes trenching in the locations of the northeast corner for exterior sign and along the east street. Printed out several RFI and Clarifications for Darren of S&H.

8/22/00

Made arrangements for the conference room on 9-6-00 from noon to 4:00 p.m. The conference room was in use until noon. Lisa Racine is out of the office for the rest of the week. I was able to discuss the need to order the paging items (speakers, wire, amp. and installation) for the medical records, pharmacy, eye, pt and women's health. According to Ping (acting for Lisa), all the equipment funds for this year have already been obligated (spent). There are no equipment funds available to order anything for the rest of this FY. Perhaps we will need your help - Skip - on locating funds. Called Allen (CTA) on the vendor phone numbers. He is out today, but will hopefully have the information. Darren stopped in and said that Glacier Electric still has a problem with doing any work. Called the Tribal office and talked to Monty Brown about sending another letter to Glacier Electric indicating that the Tribe will pay "future costs" associated with the temporary power to the hospital. Apparently, Glacier Electric wanted assurances that any future costs (not only the ones currently completed) will be covered by the Tribe. Monty did send a letter this morning. Hopefully, this will satisfy Glacier Electric. Worked on as-builts in the women's health and pt (floor, wall finishes, electrical light orientations - see e-mail from David 8-22-00). Skip arrived on site at 11:00 a.m. and discussed a fax from David and CTA on the modification of the pilaster in the north addition (garage) in which the support column anchor is missing the pilaster. David wanted to assure S&H roughen the existing concrete to assure bonding. Looked at the finish in the pt, women's health and eye areas. There was one location in pt (room 1304 south wall) and one in women's health (room 1331

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corner) that needed attention. Darren took the painter and showed him the problems. S&H is installing the ceiling grid in the women's health area. Painting is continuing with patching in the eye and women's health areas. Steel is being installed in the south addition. Decking is being installed in the north addition. Central Plumbing is installing ductwork and piping in the north addition. Skip spent most of the time looking at various steel issues. He was concerned with the installation of and the tightening of structural bolts (especially in the north addition). This was brought to S&H's attention. I opened the locks and keys that I received from Western Door Company. They did the keys and cylinders for the pt, women's health and the eye clinic. He did not send the cylinders or keys for the ENT or clinic areas. I called and left a message with Mike.

8/23/00

Gave the Eye staff a tour of their new area so they can prepare for the move into the area next month. Talked to Allen (CTA) and got the vendor name for the paging system parts and installation (Montana Wyoming Systems). Called Montana Wyoming Systems and talked to Bill Glaser about the material costs. Faxed him a copy of the take off. He should get some pricing tomorrow. Darren informed me that the sprinkler fitter would be on site Monday (8-28-00). Notified Tim Davis via e-mail of the dates and times. S&H wanted 5 exam light fixtures today for the women's health area (102 " ceiling height). Tim Hoof and myself had to remove and reinstall 5 light fixtures from other exam rooms. At the time of installation, IHS did not have the correct length of tubes to supply with the Skytron light fixtures that were installed in the clinic and specialty clinic areas. Today, S&H is installing more structural steel in the south addition. M&M is installing light fixtures in the eye and women's health areas. Ceiling grid is being installed in physical therapy area. Deck is being installed in the north addition. Central Plumbing continues to install piping and duct work in the north addition. S&H is installing doors and hardware in the physical therapy area. Skip Hayes is on site today looking over the project and several of the CTA's structural steel letters / comments. Went over the keying with Mike of Western Door for the ENT area. He will be sending these cylinders out today. Discussed the safety officer's item (identified on their walk through of 8-23-00) to install 3 ceiling tile and track at the end of hallway 1054 with Darren and the suspended ceiling subcontractor. They will correct today. Below is the list of items outstanding of Gary's (CTA) structural comments. Skip, Terry, Darren and myself looked at these items.

Comments from letter dated 8-8-00:

### AREA B:

- 1.) Awaiting direction form CTA on fix for the structural.
- 2.) Not completed.
- 3.) Acknowledged.
- 4.) Completed.
- 5.) Still open on architectural issues / fix.

### AREA A: Structural steel report # 3

- 1.) Work began on 8-23-00.
- 2.) Still awaiting conformation in writing from S&H.
- 3.) No item # 3 on list.
- 4.) Not completed.
- 5.) Not completed.

Comments from 8-8-00 report:

- 1.) Completed.

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- 2.) Nuts missing and need to chase the threads on the anchor.
- 3.) Work began 8-22-00. Over half installed to date.
- 4.) Not completed.
- 5.) Completed.
- 6.) Completed.
- 7.) Not completed.
- 8.) Have not completed all of them.
- 9.) Recommended correction was received and applied to 9.3. However, there has been no recommended repair received for gridline 8.7.

8/24/00

Today on the project, S&H is continuing the installation of structural steel in the south addition. Decking is being installed in the north addition. Central Plumbing is installing piping and ductwork in the north addition. They are also installing sleeves for the piping in the area that will be poured tomorrow. Suspended ceiling grid work is being installed in the physical therapy area. Called Trevor with JCI and left a message asking about the smoke detector installation that controls the large roll up window (room 1074). With discussion with Skip yesterday he suggested to get JCI on site to finish their work so S&H can complete theirs. Glacier Electric was on site yesterday afternoon working on the transformer south of the boiler room. Apparently, the letter from the Tribe answered the questions of who is paying the bills. Verified the type of metal exterior studs (for David) that S&H has on site. All are Dietrich 16 gauge. There is more arriving perhaps this afternoon. Verified that all of the anchor bolts and structural bolts in the north addition (beneath tomorrows deck pour) were tightened. Found a few areas that were not done and had the ironworkers tighten. Only two anchors along the north wall angle iron are not installed to date. S&H is using 7" hilti bolts on the south wall angle iron. Will need to verify with the prints tomorrow. Checked the interior doors in eye, women's health and pt. All looked good except room 1318 which the door is in a bind. Discussed with Darren the letter from Gary to David about the H -3 steel. It appears to be installed per the drawings. Darren called and left a message with Gary. We will follow up on his concern. Also, discussed with Darren the need to tighten all structural bolts before they start to install perimeter stud walls.

8/25/00

Today on the project, S&H poured another portion of the north addition floor. The work started at 7:00 a.m. and lasted most of the morning. I spent 2 hours filing the paper work (submittals, RFIs, etc.) at Emmie's office. Looked over pay request questions that Vera (Tribal Secretary) had. Talked to David about the survey locations that S&H submitted. There are some areas of major concern. Follow up on the letter from Gary (CTA). Item # 2 - Area "A" - (Nuts missing and need to chase the threads on the anchor) - was completed on 8-24-00. Talked to Darren and provided him an updated punch list and the print out of the current status of Gary's (CTA) letter dated 8-8-00 (on structural).

8/29/00

Received the Johnson Control proposal (#2) for \$36,620. This is the price for the installation of the fire alarm system for the additions (both north and south). Gave to Jerry to put on the arms system using BF3 account. Received a price quote from McMaster Carr (reference quote 51562) for \$260.71 each. We need to provide 4 of these to M&M Electric. Sent Tim Davis an e-mail about ordering these fixtures and the coil on the vav in specialty clinic. Talked to Skip about a conference call this afternoon with David and Jim. The main topic will be the structural steel survey in the south addition. Made "as - build" changes to 3 outlet locations in the women's health and pt areas. Received the cylinders for the ENT locks from Western Door, but no keys. Called and left a message with their office. They returned my call and indicated that the keys are already on site. I checked and found that the "C" key fits these cylinders.

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I was a little confused and asked for Mike to call me. Attended the 2:00 p.m. telephone meeting with Jim, David, Skip, Gary, Darren and Terry. Discussed the survey and the relationship with the design of the walls. Darren is to check the points with a tape and string. Jim to make arrangements with the brick and tile subcontractor to be on site September 5th or 6th to discuss the dimensional problems and possible solutions. Signed off on submittals 04R-1, 24-R1, 64-R3, 94, 95, and 96 and sent to S&H. Today on the project, S&H was installing decking on the south addition. They were installing the exam light fixtures in the women's health area. Ceiling tile is being installed in the eye clinic. Suspended track and wire is being installed in both the pt and women's health areas. S&H is working on the exterior parking areas (grading). S&H is moving the metal exterior studs to the north addition. Roof decking is starting in the north addition.

8/31/00

Responded to e-mails. Called Montana Wyoming on the paging system. Bill will be getting back to me this afternoon on pricing for the materials and installation. I added two speakers to the eye clinic in room 1340 and 1335. Called Western Door on the cylinders for the ENT area. Talked to Mike and told him that he sent the wrong type of cylinders. He will send new units today. Went out to check on the construction. John was still installing the exterior studs after I discussed the need for him to "rack" the building. When asked about the welding of the studs, he showed me the details on the welding of the exterior studs (see detail on S0.1 and S4.1 detail # 1). Regardless of the prints, the submittal clearly indicates screwed fasteners (no welding). Discussed the issues with David and decided to issue a stop work order. Hand carried a copy to John, faxed a copy to Jim Lake, David and Skip. I also included the need for submittal information on the type, size and spacing of fasteners to be used. Terry and myself flagged items in the pt, women's health and eye clinic areas that need additional work by S&H. Today on the project, S&H was installing decking on the south addition. They were installing metal studs in the north addition (until we gave the stop work order). The sprinkler fitter was on site to relocate sprinkler heads in the eye, pt and women's health areas. I have not seen the drawings for the location of these heads yet in these areas. Ceiling tile is being installed in the pt area. S&H was installing the windows in the south wall of women's health. Completed an initial walk through of the eye clinic area (flagged items and started a punch list to check). Sent the list to Darren, Skip and Terry.

9/1/00

Today, Terry and myself did an initial punch list on the women's health area. Called and discussed various items with David. Items included: the suspended ceiling in the women's health area and light fixtures (wires to ceiling). Gave copies of the punch list to Darren to review. Was notified about some roof leaks in the medical records area near the front. S&H has pulled back the membrane near the front entrance and this has allowed rain to find its way into the records area. Wrote an email to Darren to notify him. S&H had a small crew on site today. The main work was in the north addition (but not on any exterior stud walls). Most of the subs had their time in for the week and were not on site. Went to the Tribal offices and visited with Emmie. Organized paper work and got leave slips signed. Processed submittals 14-A, 37R-1 and 98 and sent to S&H.

9/5/00

Today, there is a light rain falling this morning, but cleared up by the afternoon. I did an initial walk through in the Women's Health area. Typed up the punch list and gave copies to S&H (Darren). Went over the comments with Darren. Talked to Darren about the need to protect the areas from rain (front entrance roof membrane has been cut and folded back). David, Skip, and Gary arrived on site about 12:30 p.m. for the monthly site inspections and meetings. They started to do an initial walk through of the areas. Was informed by Darren that Jim will be attending tomorrow's meeting since his trip was apparently canceled. TERO was on site and requested that Terry provide a list of every body that is

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working on the construction project. Terry will take care of his request today. Today on the project, M&M was installing a MCC panel in the electrical room. M&M was working on installations in the women's health area on lights and circuits. The sprinkler fitters were finishing up some of the heads locations in the various areas. Cabinets are being installed in the eye clinic area. Site work was taking place.

9/6/00

Today, there was a light rain falling around the area. David, Skip and Gary was on site in the morning to continue the on site inspections and walk through. This lasted until noon. The monthly meeting started at 1:00 p.m. and continued until 4:00 p.m. Made some more as-built changes on the exhaust duct work in physical therapy area. I believe that I have made all the necessary drawing changes for L.A. Olson. Today on the project S&H was installing more cabinets in the eye and women's health area. They are installing stud walls in the north addition. Doorframes are being installed in the north additions. Roof decking is also being installed on the north addition. Sent e-mail to Darren about safety items. Summarized the monthly meeting minutes.

ATTENDEES: Rob Smith, Gary McFarland, Terry Racine, David Petersen, Jon Kronebusch, Darren LeMaster, Skip Hayes, Gene Grant.

REVIEW OF PUNCHLIST ITEMS: Reviewed the punch list items from the Medical Records, Pharmacy, and Clinic areas. There is still a couple of items which can be completed by S&H, but the majority of items listed won't be completed until the north and south additions are connected. The initial lists for the Physical Therapy, Women's Health and Eye Clinic was reviewed. The inspection team had some additional comments that were added to this list. An updated list was given to S&H. S&H plans to do an internal check on the condition of wall finish once the cabinets are installed. The site inspectors will continue to add and delete from these lists as work progresses. It was determined that "turn over" of these areas will take place October 11th and 12th during the next monthly meeting. One issue that S&H is to check out is the heating supply and return to the VAV's in the Eye Clinic area. These boxes are reheated off the new boiler loop that may not be operational by October.

RFI'S, SUBMITTALS, ETC: The overhead coiling doors / windows continue to be a problem. The motors M-95 are currently what is on site but haven't been approved. S&H needs to continue the submittal process. The roof submittal was rejected. L.A. Olson is still requiring submittal information on the uplift requirements, flashing, etc. L.A. Olson is also awaiting the submittals on the wallpaper borders in the Physical Therapy, Women's Health, and Eye Clinic. These areas are scheduled to be completed this month and submittals need to be complete before installation.

REVIEW OF SITE INSPECTION ITEMS: During the walk through, several items were noted. They are as follows:

- 1.) There was broken brick around the windows. S&H was to repair. Darren indicated that material was salvaged for this purpose.
- 2.) Road way culvert to the north. Kimko is to submit fix with pricing for approval. (A bend plus 15 foot of culvert)
- 3.) There is a bar joist near grid line J-3 that does not rest on the bearing plate (on the west side). Correct.
- 4.) At grid line M.7 and 7 the end of the beam was cut. The welds show signs of excessive heat. The "stitch welds" are aligning with the boltholes. NTL is to inspect and recommend any repair or re-welding.
- 5.) Excessive heat on welding the metal deck. S&H needs to correct this problem with the sub contractor.
- 6.) Pipe chases are poured solid on the main floor. Need to be opened or additional (future) pipe sleeve installed.

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7.) Exterior stud walls are not plumb and need to be straightened. The track is not level in several locations. S&H is to correct these problems.

8.) Door frame anchors need to be installed uniformly adjacent to the hinge reinforcement. Currently, some of the anchors are above or below.

9.) Two low areas on the concrete floor in the north addition need to be filled (exceed spec.). Need to fill with self-leveling material before stud walls are installed.

10.) Stud walls of type B-1 and B-3 construction are not installed properly at the stair wells locations. Need to remove and reinstall properly.

11.) Area B needs to have the back fill done properly. Currently, an area is not compacted (just piled). The elevation, widths and slope need to be uniform with the plans.

12.) Backing is missing for a fastener in the paper towel dispenser in 1308.

13.) Block filler is needed in the physical therapy area along south door way. This is where existing walls were removed.

14.) Suspended ceiling tile in the waiting room of Women's Health needs to have either the (edge) grid elevated or the remaining installation lowered. Shadow line is required.

15.) David had concerns with the exterior block / brick. He will be addressing these on his trip report. S&H needs to assure alignment with the dimensional problems in both area A and B.

16.) Section A8.4 shows a slope in the concrete at the intersection of the new and existing walls in the south addition.  
S&H is to provide.

CONSTRUCTION SCHEDULE: David handed out the latest construction schedule submitted by S&H (Sept. 1, 2000). It was noted that the completion date was rolled back to July 1, 2001.

INTERIM LIFE SAFETY ISSUES: There were two safety related issues that were discussed. The elevator pit barricade was knocked loose and presented a "open hole". Another item was caps on the rebar at the elevator pit. S&H will take care of these items internally. We also made S&H aware of the JCAHO inspection on September 21 and 22. These inspectors will check such things as signage, barricades, egress, MSDS program, and other safety related issues.

TERRO ISSUES: TERO attended the meeting and expressed concerns with the sub contractors' lack of checking in with the TERO office prior to working. Most of these subs have initially checked in with TERO at the beginning of the project, but new foreman and crews are appearing on the project at different times and are not aware of the TERO hiring practices. S&H was asked to assure that their subs check in with Gene Grant.

PAY REQUEST REVIEWS: S&H expressed concern on the time frame for the pay requests being processed. S&H has submitted for some items that are not completed (selective demo, helipad excavation and concrete). The latest pay request (minus these items) was approved by L.A.Olson and the Tribe.

NEXT SCHEDULED MONTHLY MEETING: Scheduled for October 11& 12, 2000.

9/11/00

Went over the various e-mail from last Thursday and Friday. I responded to Jay about heat welding on the acid waste piping as opposed to mechanical fasteners. Also, responded to the need of a tack coat on the parking lot prior to paving and the change of copper piping to plastic on the dental vacuum system. Went over various problems with the plumber. Discussed a date to make the medical gas tie in (10/3-5). Made as-built changes to the plumbing drawings. Told Kimko about submitting a cost and sketch to take care of the culvert on the quarters roadway to the north. He will do today. Wrote up the meeting minutes for the monthly meeting.

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9/12/00

Took Reis Fisher around the project and mainly looked in the areas that are to be completed and turned over to I.H.S. Discussed some problems with the floor installers. They are leveling and preparing the floors (in the eye, women's health, and pt) for the installation of carpeting and sheet vinyl. M&M was working on installing under-counter light fixtures, exit fixtures and the installation of the electrical distribution panels south of the electrical room. In the south addition, S&H is installing the last sections of decking. S&H is planning to pour some of the south addition floor yet this week. Oral helped the plumber locate his piping penetrations in the south addition with the layout blueprints. Sleeves will be installed prior to the concrete pour. Arranged with the E/R the relocation of the ambulance access to the other side of the hospital on Sept. 14, so S&H can dig and install the electrical lines to the exterior lights. Also arranged for the medical gas system shut downs with the O/R and E/R departments. The shut down will affect the oxygen, nitrous, vacuum and medical air systems. Central will conduct this work on October 5th starting at 7:00 a.m. and completing around 4:30 p.m. Sent e-mails to various departments. Sent Jay an e-mail related to the supply line for the underground sprinkler system. The prints don't show a tie to the manhole with the water meter and there is a "tee" that doesn't connect to anything. Called David and discussed a few issues. First of all, he said the welding certificate on the exterior studs should be in Emmie's office and once we see the submittal the stop work order can be lifted. Checked on the construction in the north addition. Central Plumbing was installing the roof drains and over flow drains. Central was also hanging VAV boxes in the rooms that have interior stud walls. Steel work was continuing around the skylights. S&H is installing the lower section of exterior sheeting (we have a stop work order on the studs). They are installing the GP water repellent treated core material. It conflicts with submittal # 54. According to the submittal this material cannot be installed behind the drivit or EIFS material. I discussed with David. I left a note with Jon that I plan to issue another stop work order today. Went to Emmie's office to discuss. Submittal # 99 (for the welding of the exterior studs) was at Emmie's office and we issued a letter to S&H lifting the stop work order on the exterior studs. I did reference the need for S&H to straighten the existing studs (plumb).

9/13/00

Went to the Tribal office and signed off on submittal # 50R4, 86R2, 97 and 99. Forwarded these on to S&H construction. Went over the bids for the storage building with Emmie. One bidder neglected to include the option of the brick. Emmie called the vendor and asked him to provide this price by tomorrow. Organized various papers in files. Received a call from Jim about the stop work order on the sheeting. He said that he never submitted the Dens - Glass Gold as shown on submittal 54. Jim indicated that he was going to instruct his workers to continue to install the GP sheeting. I forwarded the e-mail I received from David on 9-12-00 on the sheeting. S&H did correct the 2 safety issues (around the elevator pit) brought up in the monthly meeting. The barricade was re-welded / secured and the rebar were simply bent over. Called Johnson Controls about any control drawing that the maintenance staff could have on areas turned over to IHS. Met with the tile installer for the flooring and walls in the bathrooms and physical therapy areas. Discussed the patterns and gave him some direction. Kevin was on site. We looked at the ceiling in the women's health and discussed the exterior sheeting and the stop work order. He said that he faxed some information to me this morning on sheeting. Read and called David. Today on the project, tile was being installed in the women's health bathroom. Cabinets are 99% installed. Touch up on wall paint in the PT, Women's Health and Eye Clinic. Central Plumbing continues to install the roof drains and piping. VAV's are being installed in the north addition. The curb machine is on site today. Structural steel is being installed in both the south and north additions. Site grading continues. Rough in for electrical (main floor) in the north addition. Found two areas in which no outlets are shown for under counter refrigerators. M&M will install at no cost.

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9/14/00

Reviewed the sprinkler drawings that Jay sent me this week. I have one problem with the sprinkler design showing the valve station for the ambulance garage being located in the janitor closet (room 1533). This station should be located in the crawl space similar to the stations for the canopy. Called Jay and discussed with him. He will contact the sprinkler contractor today. Called the "Wallaroo" vendor on the wall mounted -pull down counters that are to be installed in the urgent care area. The electrician was doing the rough in for these boxes and we need to provide heights, etc. The prints show the telephone and data in the same box. I called Ray (BAO) and asked him why the data and phone are in the same box. He agreed that the outlet, and data should be located behind the wall-mounted units (so they don't get unplugged) and the telephone should be located to the other wall (to locate a phone). The electrician will do this at no cost. I still need to get exact locations (so there is no interferences). Received the details from John on the wall mounted counters and gave to M&M. S&H installed curb (approx. 500') along the north side of the roadway (to the north). S&H back filled the exterior of area B along gridline M - 4 to 6. S&H installed the electrical lines across the ambulance drive (to the basement of the 1960 building). Informed Lin that Kimko needs to back fill in lifts. They were not back filling in lifts and I informed him of the spec. They complied. Talked to Darren about several things: 1.) I mentioned the backfilling. 2.) I discussed the need for S&H to complete the back fill (interior) in area B. Told Darren that things are moving quickly in area B and that if the interior fill is not taken care of soon, I will have no choice but to issue a stop work order until the back filling is done. He will contact Kimko. 3.) Told Darren that I looked at the exterior framing on the west side of area A. I felt that the doorway exiting the E/R has not been welded prior to installing the sheeting (along north side of doorway). It was not evident because I never saw welds before the stop work order, Gary (CTA) also informed David that he never saw welds and we just issued a start work order yesterday. Darren will check on this. 4.) Found some structural bolts (loose) in the garage area. Asked Darren to tighten. Other work going on today, includes: tile in the bathroom in the eye clinic; touch up on walls in the eye, women's health, physical therapy; structural steel area B; locating of penetrations in the south addition; installation of VAV boxes in area A; electrical box location in area A.

9/15/00

Worked most of the morning on the JOFOC for the addition to the fire alarm system. I forwarded the document to Gary McFarland to edit and review. Today on the project, S&H has a "short" crew. They are only on the job until 11:30 a.m. There was some interior framing on the north addition and some interior wall repair in the women's health area. Took Emmie to the north addition and showed her the exterior sheeting that has been a concern. Emmie was shown the eye and women's health area as well. Reviewed faxed information from David.

9/18/00

Worked with getting ASI sign paid on the sign installation (last month). The deposit was on my credit card and the remainder was on Jerry's credit card. Informed Janet (supply) of how it was paid. Today, S&H was installing structural steel in the south addition. They were installing interior studs in the north addition. Central Plumbing continued to install ductwork and VAV boxes in the north addition. The floor layers were preparing the floors in the physical therapy area. The carpeting arrived for the eye area. S&H was sweeping the eye clinic offices and preparing this area for carpeting. The floor layers installed flooring in the eye dispensing area. S&H poured curbs to the northeast (of the hospital) and to the east. Received the proposal for the overhead paging system from Montana - Wyoming Systems. The materials run \$1,994.15 and the testing and installation run \$7,116.00. I will need Skip to see what funds are available to purchase the system.

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9/25/00

Called Johnson Controls and told both Trevor and Eddie that the planned turn over date of the women's health, physical therapy and eye clinic areas was October 10,11. I need to have Trevor finish the fire alarm system and certify the system. The Johnson Control fire alarm was on an IHS purchase order and not on S&H's project. Today on the project, S&H was installing interior metal framing in the north addition. They were patching and painting in the Physical Therapy area. Central Plumbing is installing the medical gas outlets. Structural steel is being installed on the northeast corner of the hospital (installing column). Curb is being installed to the east of the hospital. Worked with Darren on tabulating the work force numbers for Emmie. TERO wanted a break down of Tribal members working on the project vs. others. Had Herb deliver the report to Emmie. Inspected several areas in the construction project. Found a few items that needed attention by S&H Construction. They included: 1) The exterior framing at vestibule 1550 (north addition) needs the welding completed on the exterior. 2) Need additional exterior studs (installed and welded) on south side of window in room 1523. 3) Plumb up exterior stud south of window in room 1523. 4) Need additional bracing on frame side room 1552. Current are brace not adequate. 5) The king studs on the door ways in room 1552, 1553, 1551, 1570, and 1568 do not extend to the top of framing. Need to replace the studs and reinstall properly. 6) Section of curb (northeast corner of parking lot) needs to be removed and replaced. Approximately 30 feet of curbing is low with an extreme "dip" in the center. Sent an e-mail to Darren on these items. Went over some as build locations of the medical gas outlets in the PEDS bay (1547). The architectural drawings (A5.9) show the outlets on the east wall while the plumbing (P4.1) show them on the west wall. I changed the plumbing to match the architectural drawings. Had several e-mail on the floor leveling in the north addition. Forwarded to Darren to see if they can complete the leveling in two locations.

9/26/00

Spent most of the morning in the north addition looking at various installations. Checked out the low areas with respect to stud walls. It doesn't appear that leveling will be a problem especially on the southern low spot. The north low area is in the hallway 1536 and still could be leveled with out being under stud walls (checked with a string line). Sent an email to Skip. S&H did remove the exterior sheeting on the west entrance (1550) and welded the studs (see list sent to Darren on 9-25-00). They didn't correct any of the other items. Discussed a few issues with Darren: 1) The radius on the curbs plus the under cuts (on the outside of the curbs) on the radius. In some cases there is 1-2 inches of undercut. Darren is getting with the subcontractor and having them remove these areas and reinstall curb. There are about 5 areas discussed east of the Urgent Care access. 2) S&H is installing 25 gauge "king" studs on the door ways on the "B1" wall separating E/R from Urgent care. The details show 20 gauge studs. 3) Many locations in area "B" on structural are minus washers. As far as I know they are required. These washers need to be in place prior to the pour scheduled for Friday. Moved the cabinets to Medical Records. These cabinets were purchased on a PO. Today on the project, S&H was working on more stud installations in the north addition. Central was working on piping and their sub (Grinnell) was on site for the sprinkler system. M&M Electric was pulling wire for the exterior lights in the parking area. Curbs were being poured this afternoon. Some structural steel work was taking place in the south addition. Went to Emmie's office and organized the various paperwork. We discussed the need for a Tribal inspector on site. It appears that Herb may not be detailed into Terry's position. Received cylinders for the ENT area today from Western Door. Looked at the reception desk for the Women's Health area in room 1330. Modern Cabinets fabricated the unit about 5 " short. It actually looks better than the design and the counter facing the corridor (1331) doesn't stick out into the traffic. Showed Kim McLoughlin and she felt it was "better". She was concerned with little kids hitting their heads if it stuck out the 5 " as designed. I made the as-built changes on the drawings (detail 22 on A5.17 and detail 6,7,8 on A5.18).

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9/27/00

Worked with the floor layers on the pattern for room 1313. Went over t-stat locations with Johnson Controls. Changed some of the locations due to cabinets. Made as-build changes on the drawings. Made as - build changes on the locations of fire strobes / alarms in the urgent care rooms. Made some as - build locations on data, phone and power for the workstations outside the Urgent Care exam rooms. Opened up the cylinders (from Western Door) for the ENT area, but they never sent the keys. Called Mike and asked him to send keys. This lock vendor is "not together". It has been difficult to get locks and keys sent. Spent some time inspecting work on the north addition. Found a few items that need attention: 1) Room 1572 has stud walls on the wrong centers - need to move to 16" on the south wall. Informed the workers and they are correcting. 2) Central Plumbing installed PVC pipe at the roof drains in room 1505 (lobby). This has a return air plenum and the drain piping needs to be cast iron. Called Jay to verify. Some of the items identified during the last week have been corrected include: 1) Corrected the framing to a "B1" construction in Janitor closet (1533). 2) Corrected the studs located on the east wall of 1523. This included adding an exterior stud and straightening some exterior studs. S&H needs to weld the stud that was added.

Other work that is taking place today include: floor installation and seam welding in the physical therapy, miscellaneous paint and wall touch up in the eye clinic, installation of the unit heaters in the garage, duct work installation in the north addition, waste pipe installations in the north addition, stud installations in the north addition, and installation of the Dens Glass Gold sheeting on the exterior of the north addition. Not much is happening in the south addition. I understand that S&H is awaiting floor finishers to pour the south addition floor. Talked to the M&M Electric foreman and he was interested in what was going on with the electrical installation between the transformer and the CT cans. A memo from Allen this past week indicated that Glacier Electric was not going to do this work and apparently the price needs to be negotiated so M&M can install. Called Kevin Forbes about this to see if M&M submitted pricing through S&H. He didn't know and was going to ask Jim Lake. Called Emmie to lift the stop work order on the sheeting in the north addition. She will get it out today. Kevin Anders of CTA was on site to check out the bond beam on the south side of Medical Records. He had the ironworkers drill several holes to determine the location of the bond beam.

9/28/00

Today in the north addition, S&H was mainly working on interior framing, exterior siding, piping installations, and ductwork installations. In the south addition, S&H was tightening up the structural bolts and grouting beneath columns. In the Women's Health area, carpeting was being installed in the main waiting area. The logo was being cut in the center of the carpeting in Women's Health. Jim Lake was on site this morning for about an hour. Looked at some items with Jim. Inspected work in various areas. Informed Darren (and his workers) that corner studs were missing in several exam rooms in the Urgent Care area. Another item missing is the clips on the deflection tracks. I noticed that the very exterior corners have no backing. Found the detail on A8.1 - detail 7 and 11. I had to stop the back fill on the east side of the south addition since there was no NTL inspector on site to test compaction. S&H had put two lifts in place and compacted before I stopped the work. They will have to wait until NTL is here to finish. Since e-mail is down today, I verbally gave this information to Darren. Darren is checking on several items and the necessary subcontractor coordination to finish the areas to be turned over to IHS this next month. Items missing include: 1) Two access panels (one for the eye area and one for physical therapy. 2) Window shades for the Women's Health windows. Work that need to finish include: 1) Suspended ceiling installer - to replace stained tiles and remove unused wire. 2) Tile - to grout the tile in the physical therapy area. 3) Carpet layer - to install cove base and finish up flooring. 4) Modern Cabinets - install in Physical Therapy. Had our weekly meeting with S&H, IHS. We haven't had our weekly meeting for some time due to the preparation of IHS for their JCAHO survey. Now that the survey is over we will try to keep our weekly meeting on track. Tim Davis, Darren, John and myself attended the weekly meeting (Reis was unavailable). S&H went over the work scheduled for next week. This includes: 1)

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Pouring of deck flooring in the south addition. 2) Installation of interior studs. 3) Work in the areas to be turned over to IHS (walk through and punchlist). 4) The roofing and EIFS people will be on site next week. 5) Pour the ambulance garage floor and curb installation. 6) Discussed the need to shut down the medical gas systems next Thursday (Tim Davis will coordinate ILSM). 6) M&M will be working on conduit installations in the north addition.

9/29/00

Called Johnson Control Inc. and told Eddie that IHS issued a purchase order (0001052800) for the fire alarm system. They will be on site next week to certify the fire alarm system for the Physical Therapy, Women's Health and Eye Clinic areas. I also discussed some of the control problems that we are experiencing in the Medical Records area. Checked on the status of the requisition (001-BF3-O-0148) on the material for the paging system. It is in Gary McFarland's "queue" awaiting signature. I do need to discuss with Gary about ordering the installation of a paging system (sole source). Today was a short day for S&H. Mainly they worked on framing in the north addition and site cleanup. Contractors were off the job at 11:30 a.m.